Calibration Weights

LT-G9070 - LT-G9078 / LT-G9100 | Individual weights and mass set

M1 individual weights • F1/F2 stainless steel mass set



1-20 kg

M1 INDIVIDUAL NOMINAL MASSES

1 g-1 kg

F1/F2 SET CONTENT RANGE

Laboratory balances • Industrial scales • Periodic intermediate checks

Photograph and Reference Mass Features

Reference weight, nominal marking and protective case

Individual M1 weights and the F1/F2 mass set provide reference loads for checking weighing instruments. The boxed weight example illustrates protection and handling of a reference mass.

REFERENCE WEIGHT

A known mass value provides the reference for comparing balance readings.

NOMINAL MARKING

Match the mass marking and weight identity to the recorded information.



PROTECTIVE LINING

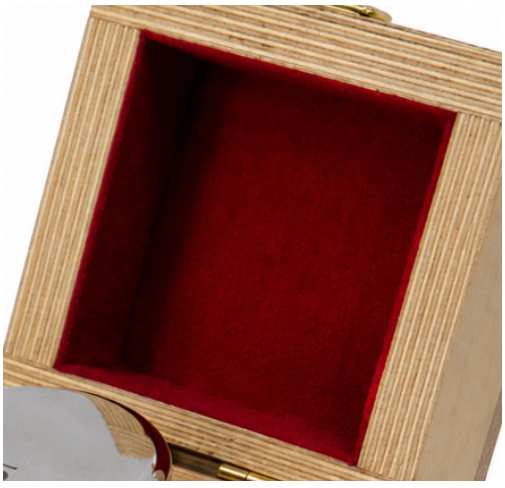
The soft internal lining helps protect the surface of the weight.

STORAGE CASE

Keep the weight clean and protected after use.



Reference weight and nominal mass marking

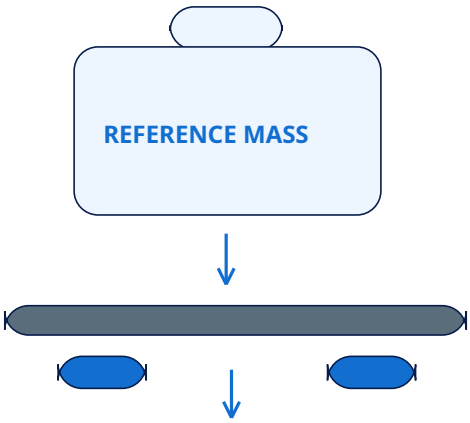


Protective case lid and internal lining

Balance Verification with Reference Mass

Select reference • Zero • Weigh • Compare with reference value

REFERENCE WEIGHT + BALANCE DISPLAY



POSITION THE REFERENCE WEIGHT CENTRALLY

ZERO • STABLE READING • REPEAT CHECK

I: INDICATION • m: REFERENCE MASS VALUE

Deviation = I - m

REPRESENTATIVE WEIGHING DIAGRAM • NOT TO SCALE

Select Reference

Choose mass and class to suit balance capacity and verification requirements.

Zero and Weigh

Zero the balance. Place the weight carefully on the pan and read the stable indication.

Compare and Record

Compare the indication with the reference value. Record deviation and repeat readings.

The check determines the difference between the balance indication and reference mass. Use the calibrated value when a certificate is available. Evaluate acceptance limits under the laboratory procedure and repeat at different load points.

M1 Individual Weights and F1/F2 Set

M1 models provide nominal values of 1, 2, 5, 10 and 20 kg. LT-G9070 - LT-G9078 are specified as cast-iron weights.

LT-G9100 is an F1/F2 stainless steel set. Masses from 1 g to 1 kg support different load combinations. Select the class for the balance verification requirement.

Clean Handling and Traceability

Use suitable gloves or handling tools to reduce transfer of oil and dirt. Protect weights from impact and scratches; return them to their case after use.

Traceable calibration certificates are ordered separately when required. Record weight identity, certificate information, check date and measurement results together.

Model Options and Set Contents

M1 nominal values • F1/F2 mass combinations • Certificate option

Product Code	Class	Material	Nominal Value
LT-G9070	M1	Cast iron	1 kg
LT-G9072	M1	Cast iron	2 kg
LT-G9074	M1	Cast iron	5 kg
LT-G9076	M1	Cast iron	10 kg
LT-G9078	M1	Cast iron	20 kg
LT-G9100	F1/F2	Stainless steel	Combination set

Set / Supply Information	Value / Description
LT-G9100 Smaller Masses	1 g • 2 × 2 g • 5 g • 10 g • 2 × 20 g
LT-G9100 Larger Masses	50 g • 100 g • 2 × 200 g • 500 g • 1 kg
Number of Set Weights	13 pieces
Calibration Certificate	Traceable certificate ordered separately
Protective Case	Case option available

Select the Mass Class and Certificate Requirement Together

Consider nominal mass, class and balance capacity together. Use the reference value required by the verification procedure; specify the certificate needed when ordering.

From Reference Mass to Recorded Verification

01
Select
Choose the mass value and suitable class.

02
Zero
Check zero with the pan empty.

03
Weigh
Place the weight and read the stable value.

04
Compare
Calculate and record the reference difference.

Product Page | liyatest.com.tr/en/urun/calibration-weights/